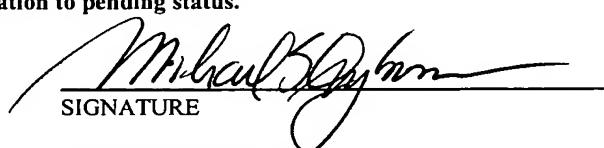


| | | |
|--|--|---|
| FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 07-2004) | | ATTORNEY'S DOCKET NUMBER <i>PCT</i> 121036-0071 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Unknown 10/506490 |
| INTERNATIONAL APPLICATION NO. C PCT/JP03/10829 | INTERNATIONAL FILING DATE 08/27/2003 | PRIORITY DATE CLAIMED 03/08/2002 |
| TITLE OF INVENTION ELCANIZABLE ADHESIVE COMPOSITION | | |
| APPLICANT(S) FOR DO/EO/US Kiyofumi FUKASAWA and Tomohiro KAISE | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input checked="" type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). | | |
| Items 13 to 23 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV 468351765 US 23. <input type="checkbox"/> Other items or information: | | |

| U.S. APPLICATION NO (if known, see 37 CFR 1.5) Unknown | INTERNATIONAL APPLICATION NO. PCT/JP03/10829 | ATTORNEY'S DOCKET NUMBER 121036-0071 | | | | | | | | | | | | | | | | |
|--|---|--|---------------------------|--------------|---------|--------------|----------|---|-----------|--------------------|---------|---|-----------|--|--|--------------------------|---------------|--|
| 24. The following fees are submitted: | | CALCULATIONS PTO USE ONLY | | | | | | | | | | | | | | | | |
| BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) : | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1080.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 | | | | | | | | | | | | | | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = | | \$920.00 | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). | | <input type="checkbox"/> 20 <input type="checkbox"/> 30 \$0.00 | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>7 - 20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$86.00</td> </tr> <tr> <td colspan="2">Multiple Dependent Claims (check if applicable).</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;">\$0.00</td> </tr> </tbody> </table> | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | Total claims | 7 - 20 = | 0 | x \$18.00 | Independent claims | 1 - 3 = | 0 | x \$86.00 | Multiple Dependent Claims (check if applicable). | | <input type="checkbox"/> | \$0.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | | | |
| Total claims | 7 - 20 = | 0 | x \$18.00 | | | | | | | | | | | | | | | |
| Independent claims | 1 - 3 = | 0 | x \$86.00 | | | | | | | | | | | | | | | |
| Multiple Dependent Claims (check if applicable). | | <input type="checkbox"/> | \$0.00 | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | \$920.00 | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | \$0.00 | | | | | | | | | | | | | | | | |
| SUBTOTAL = | | \$920.00 | | | | | | | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). | | <input type="checkbox"/> 20 <input type="checkbox"/> 30 + \$0.00 | | | | | | | | | | | | | | | | |
| TOTAL NATIONAL FEE = | | \$920.00 | | | | | | | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). | | <input checked="" type="checkbox"/> \$40.00 | | | | | | | | | | | | | | | | |
| TOTAL FEES ENCLOSED = | | \$960.00 | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Amount to be: refunded</td> <td style="width: 50%;">\$</td> </tr> <tr> <td>charged</td> <td>\$</td> </tr> </table> | Amount to be: refunded | \$ | charged | \$ | | | | | | | | | | | | |
| Amount to be: refunded | \$ | | | | | | | | | | | | | | | | | |
| charged | \$ | | | | | | | | | | | | | | | | | |
| <p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>12-2136</u> in the amount of <u>\$960.00</u> to cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>12-2136</u></p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> | | | | | | | | | | | | | | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> | | | | | | | | | | | | | | | | | | |
| <p>SEND ALL CORRESPONDENCE TO:</p> <p>Michael S. Gzybowski BUTZEL LONG 350 South Main Street Suite 300 Ann Arbor, MI 48104</p> | | | | | | | | | | | | | | | | | | |
|  <p style="text-align: center;">SIGNATURE</p> <p>Michael S. Gzybowski NAME</p> <p>32,816 REGISTRATION NUMBER</p> <p>09/02/2004 DATE</p> | | | | | | | | | | | | | | | | | | |

9 Rec'd PCT/PTO U2 SEP 2004

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)
\$960.00

Complete if Known

| | | |
|----------------------|--------------------------------------|------------------|
| Application Number | Unknown | 10/506490 |
| Filing Date | 09/02/2004 | |
| First Named Inventor | Kiyofumi FUKASAWA and Tomohiro KAISE | |
| Examiner Name | Unknown | |
| Art Unit | Unknown | |
| Attorney Docket No. | 121036-0071 | |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:Deposit Account Number **12-2136**Deposit Account Name **BUTZEL LONG**

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity | Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---|----------|----------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non - English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR § 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Statement | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40.00 |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) <u>BASIC NATIONAL FEE</u> | | | | | 920.00 |

*or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)
\$960.00

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|----------------------|--------------------------------------|--------|------------|--------------|
| Name (Print/Type) | Michael S. Gzybowski | Registration No. (Attorney/Agent) | 32,816 | Telephone | 734.995.3110 |
| Signature | | | Date | 09/02/2004 | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Kiyofumi FUKASAWA and Tomohiro KAISE

Docket No.

10/506490
1216360071

| | | | | |
|----------------------------|---------------------------|---------------------|-----------------------|---------------------------|
| Application No. Unknown | Filing Date 09/02/2004 | Examiner Unknown | Customer No. 35684 | Group Art Unit Unknown |
|----------------------------|---------------------------|---------------------|-----------------------|---------------------------|

Invention: VULCANIZABLE ADHESIVE COMPOSITION

I hereby certify that the following correspondence:

Express Mail Cover Letter, Transmittal Letter to the U.S. Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 - In Duplicate, Translation of International Application No. PCT/JP2003/10829 into English, Including Specification (12 pages), Claims (1 page) and Abstract (1 page), Translation of Amendment filed 11/25/2003 relating to International Application No. PCT/JP2003/10829 into English, Preliminary Amendment PCT/USA National Declaration and Power of Attorney (2 pages), Information Disclosure Statement (2 pages), Information Disclosure Citation (PTO-1449) (with copies of cited references), Recordation Form Cover Sheet (PTO-1595) and ATTACHMENT (2 pages), Assignment Fee Transmittal and Return Post Card

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 09/02/2004

(Date)

Marilynn M. Peterson

(Typed or Printed Name of Person Mailing Correspondence)

Marilynn Peterson

(Signature of Person Mailing Correspondence)

EV 468351765 US

("Express Mail" Mailing Label Number)

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“EXPRESS MAIL” COVER LETTER
U.S. PATENT APPLICATIONS

10/506490

Date: September 2, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Application for United States Letters Patent

APPLICANTS: Kiyofumi FUKASAWA and Tomohiro KAISE

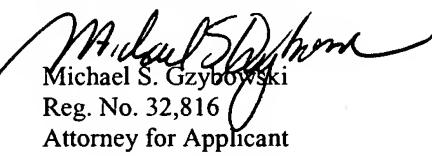
TITLE OF INVENTION: VULCANIZABLE ADHESIVE COMPOSITION

Sir:

Forwarded herewith is the above-identified application, consisting of the following:

Express Mail Cover Letter
Certificate of Mailing by “Express Mail”
Transmittal Letter to the U.S. Designated/Elected Office Concerning a Filing
Under 35 U.S.C. 371 - **In Duplicate**
Translation of International Application No. PCT/JP2003/10829 into English
Including Specification (12 pages), Claims (1 page) and Abstract (1 page)
Translation of Amendment filed 11/25/2003 relating to International
Application No. PCT/JP2003/10829 into English
Preliminary Amendment
PCT/USA National Declaration and Power of Attorney (2 pages)
Information Disclosure Statement (2 pages)
Information Disclosure Citation (PTO-1449) (with copies of cited references)
Recordation Form Cover Sheet (PTO-1595) and Attachment (2 pages)
Assignment
Fee Transmittal
Return Post Card

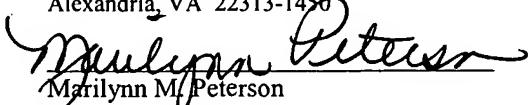
Respectfully submitted,


Michael S. Gzybowski
Reg. No. 32,816
Attorney for Applicant

BUTZEL LONG
350 South Main Street
Suite 300
Ann Arbor, MI 48104
734-995-3110 (ph)

“EXPRESS MAIL” Mailing No. EV 468351765 US
Date of Deposit: 09/02/2004

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The United States Postal Service “EXPRESS MAIL
POST OFFICE TO ADDRESSEE” service under
37 CFR 1.10 on the date indicated above and is addressed
to the Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450


Marilynn M. Peterson